

Basidiomycetes Philippinenses.

(Series III.)

Auctore A b. J. Bresadola.

Hymenomycetaceae.

Pleurotus Fr.

Pleurotus flabellatus Berk. et Br. Journ. Linn. Soc. XI, p. 528!
Hab. ad ligna, Luzon, Benguet, Bureau of science 12948; Palo,
Elmer 7214.

Obs. Sporae hyalinae, cylindraceae, $8-10 = 3-4 \mu$; basidia
clavata, $20-22 = 4-5 \mu$; hyphae contextus lamellarum $2-4$,
aliqua inflata — 6μ . —

Marasmius Tr.

Marasmius siccus Schw. Car. n. 677. —

Hab. ad ramos, Luzon, Laguna, Bureau of science 10066.

Panus Fr.

Panus murinus Bres. n. sp.

Pileo laterali v. excentrico, carnos-o-lento, fusco-canescente,
 $5-12$ cm lato, pilis albis, fasciculatis, velutino-scabro; stipite in
lateralibus nullo vel obsoleto, in excentricis $1-1\frac{1}{2}$ cm longo, $4-5$ mm
crasso, albido, gossypino; lamellis coriaceis, acie integra, confertis,
decurrentibus, albis, in sicco stramineis; sporis (?) oblongis, hyalinis,
 $5-6 = 3 \mu$; basidiis clavatis, $20-22 = 4-5 \mu$; hyphis contextus
lamellarum, $2-4$ raro $4\frac{1}{2}$, pilei $2-6$, homogeneis vel crasse tunicatis.

Hab. ad ligna, Luzon, Benguet, Bureau of science 12887.

Obs. *Pano anthocephalo* Lev. videtur proximus. —

Panus flabelliformis (Schaeff.) Quél. var. **philippinensis** Bres.

Hab. ad truncos *Fici variegatae*, Luzon, Bataan, Forestry Bureau
19287.

Obs. Sporae hyalinae, oblongae, basi subdepressae, $4\frac{1}{2}-7$
 $= 2\frac{1}{2}-3\frac{1}{2} \mu$; hyphae hymenii homogeneae, crassae, $2-6 \mu$; hyphae
pilei $2-7$ regulares, commixtis tenuibus, irregularibus, septatis,
— 10μ , aliqua ubi inflata — 18. A typo europeo differt structura
pilei ex hyphis latioribus et saepe irregularibus.

Lenzites Fr.**Lenzites acuta** Berk.Hab. ad trunco, Luzon, Cagayan, *Forestry Bureau* 16712.**Lenzites submurina** (Murr.) Bres.Hab. ad trunco, Mindanao, Davao, *Copeland XI* n. 459; Mindoro, Bulalacao, *Bureau of science* 6668.Obs. Species quoad colorem et crassitatem pilei variabilis; specimina aliqua in *Lenzitettm acutam* transeunt.**Lentinus Fr.****Lentinus pergamenus** Lev. Champ. Mus. p. 117!Hab. ad trunco, Luzon, Bataan, *Elmer* 6910; Laguna, *Forestry Bureau* 19286.**Lentinus fusco-purpureus** Kalchbr. Grev. VIII, p. 153!Hab. ad ramos, Luzon, Rizal, *Bureau of science* 1196. —**Trogia Fr.****Trogia infundibuliformis** Berk. et Br. *Journ. Linn. Soc.* XIV, p. 45!Hab. ad ramos, Luzon, *Bureau of science* 5237.Obs. Specimina male exsiccata, sed vix dubie genuinus *Cantharellus*, cum aliis hujus sectionis comparandus an authonomus nec ne.—**Xerotus Fr.****Xerotus vinoso-fuscus** Bres. n. sp.Pileo coriaceo-membranaceo, laterali, stipitato, flabelliformi, e sericeo glabro, vinoso, saepe irregulariter lobato, 2—5 cm lato, $1\frac{1}{2}$ —2 cm longo, vix 1 mm crasso; stipite laterali, brevissimo, basi attenuato, apice dilatato, concolore, 3—5 mm longo crassoque; lamellis coriaceis, strictis, confertis, e concoloribus nigricantibus, acie integra; sporis hyalinis, 4—5 = $2\frac{1}{2}$ —3 μ ; basidiis clavatis, 18—20 = 4—5 μ ; hyphis contextus 4—9 μ crassis.Hab. ad trunco, Luzon, Bataan, *Bureau of science* 19022.Obs. Species haec transit ad *Panum*, sed lamellis nigris potius ad *Xerotus* pertinet. —**Hymenogramme Berk. et Mont.****Hymenogramme javensis** Berk. et Mont. in Berk. Dec. II n. 11, tab. 14, f. 1.Hab. ad trunco v. ramos, Luzon, Laguna, *E. D. Merrill* 8430.**Crepidotus Fr.****Crepidotus pogonatus** Kalchbr. Grev. IX, p. 131. —Hab. ad ramos, Luzon, Nueva Vizcaya, *Bureau of science* 20251.

Obs. Sporae globosae, luteolae, $4-4\frac{1}{2}$, raro, subglobosae $5 = 4 \mu$; basidia clavata, $20-22 = 4-5 \mu$. —

Polyporus Mich.

Polyporus spadiceus Bres. n. sp.

Pileo suberoso, plano-depresso v. umbilicato, spadiceo, zonis paucis, latis, obscurioribus, variegato, e villoso punctato-scabro, 8—10 cm lato; stipite solido, centrali v. subexcentrico, fulvello, basi fuscidulo, villosulo, 6—7 cm longo, 6—8 mm crasso; poris stramineis (in sicco), angulatis, 2—3 pro mm; tubulis concoloribus, 1—2 mm longis; sporis non inventis; hyphis hymenii $1\frac{1}{2}-4\frac{1}{2} \mu$, pilei $1\frac{1}{2}-6$, raro 8μ crassis.

Hab. ad trunços, Luzon, Cagayan, *Forestry Bureau* 16857.

Obs. E grege *Polypori brumalis*, sed ab omnibus mihi notis, praecipue substantia in sicco suberoso-molli, optime distinctus.

Polyporus agariceus Berk. Fung. Brit. Mus. p. 371!

Hab. ad ramos, Luzon, Laguna, *Forestry Bureau* 19284.

Obs. Sporae hyal. $6-8 = 3-4 \mu$; basidia clavata, $20-22 = 5-6 \mu$; hyphae contextus hymenii $1\frac{1}{2}-4\frac{1}{2}$, raro 5μ , subirregulares, ramosae. —

Species haec, meo sensu, a *Polyporo Boucheano* Kl. haud specific distinta prouti etiam *Pol. floccopus* Rostk. *Pol. anisoporus* Mont. et *Pol. tubarius* Quél. — *Pol. Boucheanus* Kl. typicus, sporas habet $7-9 = 3-4 \mu$ nec ut in Lloyd: Synopsis of the Section Ovinus p. 86, $12 = 7 \mu$. *Polyporus* ibi descriptus est *Pol. latus* Berk. (idem *Pol. Forquignoni* Quél!) qui, in Herbario Berolinensi cum *Pol. Boucheano* Kl. confusus fuit. *Polypori Boucheani* typici, ad trunços *Betulae*, unicum extat specimen, ex parte destructum, quod sporas habet $7-9 = 3-4 \mu$.

Polyporus Graffianus Bres. n. sp.

Imbricato-multiplex, coriaceo-sublignosus; pileis semiorbicularibus, tomentoso-scabriusculis, zonatis, alutaceis, 7—8 cm latis, 4—5 cm longis, 3—4 mm crassis, postice in stipitem lateralem, 3—4 cm longum, $1\frac{1}{2}$ cm circiter crassum, scabrum, productis; poris minimis, subrotundis, 10 pro mm, in sicco luride isabellinis; tubulis concoloribus, 2—3 mm longis; sporis et basidiis non inventis; hyphis hymenii tenuibus, conglutinatis, 2—4 μ , pilei homogeneis v. crasse tunicatis, 3—5 raro — $6\frac{1}{2} \mu$. —

Hab. ad trunços, Bataan, W. Graff, *Bureau of science* 19083.

Obs. Species haec valde *Polyporo cremeo-tomentoso* P. Henn. (sub *Fomes*) proxima, et forte tantum ejus forma, sed pilei substantia

compactiori et superficie scabra distinguitur; insuper sporae non inventae, quapropter distinctam relinquendam esse existimavi donec fertilis reperiatur. Differentiae in pileo observatae ex aetate probabiliter pendent. —

Polyporus Beccarianus Ces. Myc. Born. 4.

Hab. ad truncos, Luzon, Laguna, *Bureau of science* 6585.

Obs. Typum hujus species non existit in collectione cesatiana; specimen nostrum bene cum brevi diagnosi Auctoris convenit, sed satis etiam cum diagnosi *Polypori glabratii* Kalchbr., mihi quoque ignoti quique forsan eandem speciem sistit.

Polyporus versiformis Berk. Hook. Journ. 1852, p. 137!

Hab. ad truncos, Luzon, Laguna, *Bureau of science* 10063, 10067.

Obs. Hyphae hymenii hyal. $1\frac{1}{2}$ — 2μ , aliqua $2\frac{1}{2}$ — 4μ ; hyphae pilei $1\frac{1}{2}$ — $2\frac{1}{2}\mu$, raro 3 — $4\frac{1}{2}$; pori in bene evolutis oblongi. —

Polypori melanopodes perquam affines et species exoticae vix distinguendae; revisio ad specimina originalia optatissima foret.

Polyporus stereinus Berk. et Curtis Journ. Linn. Soc. X, 1868, p. 308!

Hab. ad truncos, Luzon, Benguet, Cagayan, *Bureau of science* 7588, 12834.

Obs. A *Polyporo Liebmanni* differt modo colore fulvello, sed structura identica et vix dubie tantum formae unius speciei. —

Polyporus rugulosus Lev. Champ. exotic p. 189 f. **rigidus** l. c. p. 189 ut species.

Hab. ad truncos, Negros, *Forestry Bureau* 13735; Luzon, Cagayan, *Bureau of science* 10621.

Polyporus ostreiformis Berk. (typicus) Challeng. Fung. n. 207!

Hab. ad truncos, Luzon, Bataan, *Forestry Bureau* 19207, *Bureau of science* 16795. —

Polyporus griseus Bres. Polyp. Jav. p. 494. —

Hab. ad truncos, Luzon, Manila, *F. Sanchez* 35. —

Polyporus gilvus Schw. var. **seruposus** Fr. (ut species).

Hab. ad truncos, Luzon, Bataan, *Forestry Bureau* 15591, 19211.

Obs. A *Polyporo gilvo* Schw. differt colore obscuriori, pileo granuloso-scabro et hyphis contextus pilei strictioribus et regularibus, scilicet 2 — $4\frac{1}{2}\mu$; dum in typo sunt 2 — 6 et saepe irregulares. Sporae haud inventae.

Polyporus atypus Lev. Champ. exot. p. 184.

Hab. ad truncos, Mindanao, Bataan, *C. M. Weber* 1262.

Obs. Clar. C. G. Lloyd fungus noster ad *Polystictum Didrichsenii* Fr. dicit, sed frustra, nam color et structura diversa. In nostro color est pallide roseo-isabellinus et structura hymenii ex hyphis

2— $3\frac{1}{2}$ μ et pilei 2— $5\frac{2}{3}$, dum in *Polysticto Didrichsenii* color est alutaceo-pallido et structura hymenii ex hyphis $1\frac{1}{2}$ —6 et pilei $1\frac{1}{2}$ —7, raro 8, constat.

Fungum nostrum genuinam esse speciem Leveilleanam, cum typus non existat, asserere non possumus, sed cum diagnosi l. c. data optime convenit. —

Polyporus crustulinus Bres. n. sp.

Subimbricatus; pileo carnoso-fibroso, subreniformi, postice substipitiformi attenuato, glabro, subruguloso, crustulino, 3—4 cm lato, 2— $2\frac{1}{2}$ cm longo, substantia alba, 2 mm circiter crassa, ex hyphis, 2— $3\frac{1}{2}$, raro 4 μ ; poris ex albo stramineis, subrotundis, 6—7 pro mm; tubulis concoloribus, 1— $1\frac{1}{2}$ mm longis; sporis hyalinis, botuliformibus, biguttulatis, $3\frac{1}{2}$ —4 = 1— $1\frac{1}{4}$ μ ; basidiis clavatis, 10—12 = 3—4 μ ; hyphis contextus hymenii hyalinis, $1\frac{1}{2}$ —3, aliqua 4 μ . —

Hab. ad truncos, Luzon, Benguet, Mt. Pulog, *Bureau of science* 8973.

Obs. *Polyporo ectypo* Berk. et C. proximus, a quo praecipue statura minore et structura diversus.

Polyporus fusco-badius Bres. n. sp.

Pileo fibroso-sublignoso, pulvinato, dimidiato-sessili, glabrescente, crusta nigra tecto, late sulcis parvis zonato, postice fusco, antice badio, contextu luride fulvo, 7—8 cm lato, 5—6 cm longo, $1\frac{1}{2}$ cm crasso; poris oblongis, angulatis, fulvo-fuscouscentibus, 4—5 pro mm; tubulis fulvis, 1 cm circiter longis; sporis subglobosis, luteis, laevibus, 6—7 = 5—6 μ ; setulis hymenii fulvis, basi ventricosis, 20—30 = 7—9 μ ; hypbis contextus hymenii luteolis, tenuibus, conglutinatis, 3—6 μ , pilei flavidis, tenuibus, 3—9, aliqua fulva, crasse tunicata, 5—6 μ crassa. —

Hab. ad truncos, Mindanao, *Bureau of science* 19361.

Obs. *Polyporo dryadeo* Fr. affinis.

Fomes (Fr.) Cooke.

Fomes spadiceus (Berk.) Cooke.

Hab. ad truncos, Luzon, Cabanatuan, *Bureau of science* 5240 et *Forestry Bureau* 15585, 19233.

Obs. Sporae luteae, 4—5 = 4— $4\frac{1}{2}$; hyphae hymenii 2—4, crasse tunicatae, pilei 2—5, raro 6, septatae, crassiuscule tunicatae; pori 7—8 pro mm. —

Fomes caryophylli (Rac.) Bres. Ann. Myc. X, 1912, p. 498. —

Hab. ad truncos, Negros, *Forestry Bureau* 19117, 13747.

Fomes pectinatus (Kl.) Gillet var. **Jasmini** Quél. 18 Suppl. p. 6, pl. III, f. 34!

Hab. ad ramos *Jasmini* sp. Polillo, *Bureau of science* 9126, *Forestry Bureau* 16635.

Fomes pachyphlaeus Pat. var. *inermis*.

Hab. ad trunco, Polillo, *Bureau of science* 10526. —

Obs. A typo differt unice hymenio absque setulis, quod certe tantum anormalitas. —

Fomes exotephrus Berk. Chall. Exp. n. 245! *Polyporus caliginosus* Ces. Born. p. 5! *Fomes Cesatianus* P. Henn. Mons. I, p. 10. *Pyropolyporus caliginosus* Murr. Bull. Torrey Club XXXIV, p. 478 non Berk. —

Hab. ad trunco, Luzon, Laguna, *Bureau of science* 21031.

Fomes fusco-pallens Bres. n. sp.

Pileo dimidiato-sessili, pulvinato, fibroso, lignoso, ruguloso-scruposo, postice late zonato-sulcato, e pubescente glabrato, griseo-umbriño, fuscemente, 12—16 cm lato, 11—18 cm longo, 4—10 cm crasso; substantia pallida, ex hyphis $1\frac{1}{2}$ —4, raro 5 μ , crassis; poris pallidis, subrotundis, 6 pro mm; tubulis stratosis, fuscidulis, stratis 8—12 mm latis; sporis hyalinis, globosis, $3\frac{1}{2}$ —4 μ d.; basidiis clavatis, 15—18 = 4—5 μ ; hyphis contextus tubulorum $1\frac{1}{2}$ —4 μ crassis.

Hab. ad trunco, Luzon, Bataan, Mt. Mariveles, *Merrill* 3693.

Obs. Species haec *Fomiti hornodermo* Mont. proxima, sed optime distincta; crassitudo vero ex aetate pendet, nam in Fomitibus quotannis augetur, ideoque nec notanda esset. —

Fomes validus Bres. n. sp.

Pileo dimidiato-sessili, e convexo aetate ungulato, e pubescente glabrato, ruguloso, luteo-fulvo, nigricante, 10—14 cm lato, 6—7 cm longo, substantia fulva, 1 cm crassa; hymenio luride luteo, poris subrotundis vel angulatis, 3—4 pro mm; tubulis stratosis, fulvis, albo-farfactis; sporis luteis, aureis, $4\frac{1}{4}$ — $4\frac{3}{4}$ = $3\frac{1}{2}$ —4 μ ; hyphis hymenii homogeneis v. crasse tunicatis, 2—3 μ , pilei 2— $3\frac{1}{2}$, raro 4 μ , luteis.

Hab. ad trunco, Luzon, Cagayan, *Forestry Bureau* 16808.

Fomes validas var. *subvalidus*.

Hab. ad trunco, Luzon, Cagayan, *Forestry Bureau* 16866.

Obs. Differt a typo poris duplo minoribus et radio coloratis, nec non pileo subtiliter concentrica sulcato. Pileus est minor et convexo-applanatus, sed hoc certe ex aetate pendet, nam specimen juvenile sc. unius anni. —

Ganoderma Karst.

Ganoderma testaceum (Lev.) Pat. Bull. Soc. Myc. fr. 1889, p. 67. *Polyporus* Lev. Champ. Mus. p. 126!

Hab. ad trunco, Luzon, Bataan, *Forestry Bureau* 15588.

Ganoderma lingua (Bl. et Nees) Pat. Bull. Soc. Myc. fr. V, p. 70, sensu Montagne.

Hab. ad truncos, Polillo, *Bureau of science 9101*.

Obs. Sporae fusco-fulvae, laeves, $10-11 = 5-6 \mu$. Valde probabiliter tantum forma anormalis *Ganod. amboinensis*. —

Ganoderma nitens (Fr.) Pat. l. c. p. 67, sensu Montagne. —

Hab. ad truncos, Luzon, Union, *Bureau of science 12996*.

Obs. Sporae scabrae, $9-12 = 7-8 \mu$; hyphae hymenii $1\frac{1}{2}-3\frac{1}{2}$, pilei $1\frac{1}{2}-6 \mu$. *Ganodermati lucido* affine, a quo praecipue contextu umbrino differt. Specimen originale non adest, sed nostrum cum typo Montagnae bene convenit. —

Ganoderma incrassatum (Berk.) Bres. f. *substipitata* Bres.

Hab. ad Cocos, Mindanao, San Ramon, *Copeland 762*.

Obs. Sporae luteolae, punctato-scabrae vel breviter echinulatae, ellipoideae, apiculo albo, 2μ longo, deciduo et tunc subtruncatae, $6-7 = 4\frac{1}{2}-5 \mu$; hyphae hym. fulvae, $1\frac{1}{2}-4\frac{1}{2}$, pilei quoque, raro — 5. In pileo juvenili adsunt conidia fulva, granuloso-scabra, apice truncata, $10-11 = 6-7 \mu$. A typo Berkeleyi differt modo praesentia parvi stipitis 1—2 cm longi, 1— $1\frac{1}{2}$ cm crassi.

Haec forma valde *Ganodermati gibboso* var. *pulchella* Bres. affinis a quo sporis scabris, vix minoribus, praecipue differt.

Ganoderma (Amauroderma) renidens Bres. Fung. Bras. in Hedw. XXXV, 1896, p. 280.

Hab. ad truncos, Luzon, Nuova Viscaya, *Bureau of science 20289*.

Obs. Cum typo bene convenit; sporis globosis $10-12 \mu$ diam. raro $12 = 11 \mu$. Pertinet ad Sectionem *Amauroderma*. In exsiccatis cum *Ganodermate speciosissimo* Speg. confusum fuit. —

Ganoderma (Amauroderma) bataanense Murr. forma *lateralis*. —

Hab. ad truncos, Luzon, Bataan, *Bureau of science 19097*.

Obs. A typo differt stipite laterali; sporis 13μ d. vel rarius $14-14\frac{1}{2} = 13 \mu$, vix asperulis. —

Ganoderma (Amauroderma) rugosum (Bl. et Nees) Bres. Ann. Myc. VIII, 1910, p. 586.

Hab. ad truncos, Luzon, Benguet et Laguna, *Bureau of science 8728, 10068*; Polillo, *Bureau of science 6845, 10553, 13736*.

Ganoderma (Amauroderma) rugosum var. *nigro-zonatum*, n. var.

Hab. ad truncos, Luzon, Cabanatuan, *Bureau of science 5251*.

Obs. A typo differt pileo zonis nigris, nitidis, glabris, praedito; cetera concordant.

Polystictus Fr.

Polystictus confertus Lev. Champ. exot. p. 187!

Hab. ad truncos, Polillo, *Bureau of science 10528*.

Polystictus spadiceus (Jungh.) Cooke, Grev. XIV, p. 86. *Poly-*
porus Jungh. Jav. p. 54!

Hab. ad trunco, Luzon, Bataan, *Forestry Bureau* 15570, 19170.
 — Laguna, *Bureau of science* 10065 (forma denudata); Negros,
Forestry Bureau 19108. —

Polystictus hypothejus (Kalchbr.) Cooke, Grev. XIV, p. 83. *Poly-*
porus Kalchbr., Grev. X, p. 102. —

Hab. ad trunco, Luzon, Bataan, *Forestry Bureau* 19193, Neuva
 Vizcaya, *Bureau of science* 20298. —

Obs. Sporae non inventae. A *Pol. pinsito* Fr., a quo notis
 macroscopicis non distinguitur, differt contextu ex hyphis aliquantulum
 strictioribus, ita ut tantum ceu forma hujus species consideran-
 dus. —

Polystictus niveus (Jungh.) Cooke, Grev. XIV, p. 87. *Polyborus*
 Jungh. Jav. p. 48! —

Hab. ad trunco, Luzon, Benguet, Pauai 2100 m, *Bureau of*
science 8727.

Obs. Specimen nostrum juvenile, adhuc resupinatum, margine
 sterili, tumido, sed nondum reflexo. —

Poria Pers.

Poria crustacea (Jungh.) Bres. Ann. Myc. VIII, 6. 1910, p. 587. —
 Hab. ad ramos, Luzon, Cagayan, *Bureau of science* 10788.

Poria crocipora Berk. et C. in Sacc. Syll. VI, p. 300. —
 Hab. ad trunco, Mindanao, Weber, 1224. —

Poria leucoplaca Berk. Fl. New. Zeal. p. 180!
 Hab. ad ligna, Luzon, Pauai, *Bureau of science* 8720.

Poria lurida Bres. n. sp.

Effusa, arcte adnata, ambitu similari, luride isabellina; poris,
 rotundis, 6—8 pro mm, dissepimentibus obtusis; tubulis concoloribus,
 1—3 mm longis, stratosis, stratis vetustis fuscis; sporis hyalinis,
 $4\frac{1}{2}$ —5 = 3— $3\frac{1}{2}$ μ ; basidiis clavatis, 15—20 = 5 μ ; hyphis contextus
 $1\frac{1}{2}$ —3 μ . —

Hab. ad ligna, Manila, *Bureau of science* 10856.

Poria porphyrophaea Bres. n. sp.

Late effusa, adnata, subiculo manifesto, tenui, *livida*, ambitu pal-
 lido, pruinato; poris minimis, rotundatis v. oblongis, 10—12 pro mm;
 tubulis concoloribus, 1— $1\frac{1}{2}$ mm longis, contextu ex hyphis con-
 glutinatis, vix distinctis; subiculum ex hyphis crassis $1\frac{1}{2}$ —3 μ ;
 sporis (?) hyal. 4 = 3 μ ; cystidiis 9—12 = 7—9 μ . —

Hab. ad trunco, Mindanao, San Ramon, *Copeland* 743.

Trametes Fr.

Trametes incana Lev. Champ. exot. p. 196!

Hab. ad truncos, Luzon, Cagayan, *Forestry Bureau 16897*, Union, *Bureau of science 12990* (juvenilis); Mindanao, *Copeland 753* (vetusta); Negros, *Bureau of science 4176, 6411, Forestry Bureau 19081*.

Obs. Sporae non inventae; hyphae hymenii $1\frac{1}{2}$ —4 μ , pilei $1\frac{1}{2}$ —6, aliqua 7, ex parte tenues et ex parte crasse tunicatae; pori 2—3 pro mm. Valde *Trameti lactinea* Berk. affinis, a qua praecipue contextu ex hyphis aliquantulum strictioribus distinguitur. —

Trametes paleacea Fr. Nov. Symb. p. 97, f. **minor**.

Hab. ad truncos, Mindoro, *Bureau of science 21314*.

Trametes cingulata Berk. Decad. of Fungi v. 441! *Trametes picta* Berk. Fung. Brisb. n. 167 p. 61! *Fomes nubilus* var. *albo-limbatus* Cooke (non *Fomes nubilus* Fr.), *Fomes Virginiae* Manc. et Sacc. Syll. VI, p. 199.

Hab. ad truncos, Luzon, Bataan, *Bureau of science 19098*.

Obs. Species haec mihi tantum forma tenuior, saepe nigromaculata, *Trametis paleaceae* Fr. —

Trametes cervina (Schw.) Bres. Fungi pol. p. 81 cum synon.

Hab. ad truncos, Luzon, Laguna, *Bureau of science 21051*. —

Daedalea Pers.

Daedalea repanda Pers. in Freyc. Voyag. p. 168 (1826)! —

Hab. ad truncos, Mindoro, *Bureau of science 21312*; Negros, *Forestry Bureau 13730*; Luzon, *Forestry Bureau 15822*.

Obs. Sporae non inventae; hyphae contextus hymenii 2—4 μ , pilei $1\frac{1}{2}$ — $4\frac{1}{2}$ vix 5 μ . — Prouti in „Basidiomycetes Philippinenses“ Series II, p. 49, observavi species persooniana est collectiva; ex parte scilicet ad *Lenzitem politam* Fr. et ex parte ad *Lenz. Palisoti* Fr. duxi; at e novo examine specimen quod cum *Lenz. Palisoti* conjunxi authonomum nunc crederem et sub nomine persooniano ut bona species, restituendum. A *Lenzite Palisoti* pileo mox stramineo, sulcato-zonato, hymenio magis, imo fere ex integro daedaloideo, tubulis vel lamellulis magis latis bene distinguitur; etiam habitu satis dignoscitur.

Elmerina Bres.

Elmerina setulosa (P. Henn.) Bres. Ann. Myc. X (1912), p. 507.

Poria P. Henn. Engl. Jahrb. XXVIII, p. 321!

Hab. ad truncos, Polillo, *Bureau of science 10535*. —

Favolus Fr.

Favolus (Pseudofavolus) cecullatus Mont. Cuba, p. 378!

Hab. ad truncos, Negros, *Forestry Bureau 13732*.

Favolus spathulatus (Jungh.) Bres. Ann. Myc. VIII, p. 587.
Laschia Jungh. Jav. p. 75! **Favolus tener** Lev. Champ. exot. p. 202!
Favolus multiplex Lev. l. c. p. 203! **Polyporus vibecinus** Fr. Fung. Natal. p. 6. **Polyporus vibecinus** var. *antilopum* Kalchbr. in Grev. X, p. 53! — **Polyporus vibecinoides** P. Henn. Engl. Jahrb. XXIII, p. 546! **Polyporus palensis** Murr. Bull. Torrey Club. XXXIV, p. 472, 1907! **Hexagonia pertenuis** Murr. l. c. XXXV, p. 401, 1908!

Hab. ad trunco, Negros, *Copeland*, 20, *Forestry Bureau* 13726; Luzon, Benguet, *Elmer* 6184, 6185, Bataan, *Forestry Bureau* 19249, 19252.

Obs. Species haec, in Africa et Asia frequentissima, prorsus ab auctoribus multiplicata, prouti plus minusve evoluta, juvenilis aut vetusta etc. etc. Ego specimina originalia omnia, praeter *Pol. vibecini*, vidi et nullum vere specificam differentium inveni. *Polypori vibecini* specimina originalia haud amplius existunt, sed e diagnosi certe huc ducendus; prouti vero a cl. Murrill intelligitur in Bull. Torrey Club. XXXIV, 1097, p. 473 est *Polyporus gramocephalus* Berk. f. *tenuior*. —

Laschia Fr.

Laschia minima Jungh. Jav. p. 74.

Hab. ad frustula, Luzon, *D. Merrill* 1229, Pauai, *Bureau of science* 8723. —

Hexagonia Fr.

Hexagonia umbrina Bres. n. sp.

Pileo dimidiato-sessili, coriaceo-membranaceo, applanato, e velutino glabrescente, rugulosulo, fusco-umbrino, zonis discoloribus variegato-sulcatulo, 6—8 cm lato, 3—4 cm longo; alveolis hexagonis, umbrinis, $\frac{1}{2}=1$ mm latis; sporis non visis; hyphis contextus hymenii luteis, 2—3 μ , pilei $1\frac{1}{2}$ —5 μ , crassiusculae tunicatis.

Hab. ad trunco, Luzon, Cagayan, *Forestry Bureau* 16812.

Obs. *Hex. variegatae* proxime affinis. —

Hydnnum Linn.

Hydnnum pulcherrimum Berk. et C. in Kew Gard. Misc. I, p. 25!

Hab. ad trunco, Mindanao, Davao, *Copeland* 482. —

Obs. Cum typo Americae borealis, cum quo comparavi, optime conveniens. Sporis (?) angulato-asperulis, $3\frac{1}{2}$ —4 = $3\frac{1}{2}$ μ ; basidiis clavatis, 15—20 = 40; hyphis contextus aculeorum $1\frac{1}{2}$ —3, aliqua 4— $4\frac{1}{2}$; hyphis contextus pilei 4—9 μ .

Hydnnum merulioides Berk. et Br. Fung. Brisb. II, p. 63!

Hab. ad ligna, Luzon, Rizal, *Bureau of science* 4625.

Obs. Sporae luteolae, ellipticae, 3—4 = 2— $2\frac{1}{2}$ μ . —

Grammothele Berk. et C.**Grammothele cineracea** Bres. n. sp.

Resupinata; late effusa, crustacea, cinerea vel luride cinerea, fuscescens; hymenio poroso, poris subangulatis vel oblongis, ubique sed praecipue ad margines papillis dense asperulatis; papillis ex hyphis dense fasciculatis efformatis; fasciculis etiam immersis, saepe tunica crassa cristallorum oxalati calcici circumvestitis, $60-120 = 30-45 \mu$; hyphis tam fasciculorum quam contextus $1-2 \mu$ crassis; sporis hyalinis, $4-4\frac{1}{2} = 3-3\frac{1}{2} \mu$; basidiis clavatis, $14-18 = 5 \mu$. —

Hab. ad ramos Luzon, Rizal, *Bureau of science* n. 82, Bataan, Mt. Mariveles, *Copeland* 148, 149. —

Obs. A *Poria hydnopora* Berk. quae quoque *Grammothele* sp. est, cui valde proxima, differt praecipue poris minoribus, evidentius oblongis et colore cinereo. —

Grammothele delicata Bres. n. sp.

Maculaeformis, tenuissima, straminea, ambitu albo, subfimbriato; hymenio poroso v. subirpicoideo, sc. e poris ut plurimum incompletis, oblongis vel sinuosis, marginibus papillato-asperulis; papillis multicellularibus, ex hyphis dense fasciculatis, $90-100 = 45-80 \mu$; sporis (?) hyalinis $3 = 1\frac{1}{2} \mu$; basidiis clavatis, $10-12 = 3-4 \mu$; hyphis contextus $1\frac{1}{2}-2\frac{1}{2} \mu$. —

Hab. ad ramos, Panay, Iloilo, *Bureau of science* 18179.

Thelephora Pers.**Thelephora caryophyllea** Schaeff. var. *luzonensis* n. var.

Hab. ad terram, Luzon, Tayabas, *Bureau of science* 9497.

Obs. a typo europeo differt, juxta specimina tamen male exsiccata, sporis minoribus. Sporae angulato-asperulae v. aculeolatae, $5-6 = 4\frac{1}{2}-5\frac{1}{2} \mu$; basidia $20-25 = 5-6 \mu$; hyphae contextus $4-7 \mu$, septato-nodosae. —

Stereum Pers.**Stereum pusillum** Berk. *Fung. Brit. Mus.* p. 381.

Hab. ad terram, Mindanao, Davao, *Copeland* 877; Luzon, Bulacan, *Forestry Bureau* 7164.

Obs. Sporae hyalinae, $4 = 3 \mu$; basidia $25-28 = 4-6 \mu$; hyphae contextus $2-3\frac{1}{2} \mu$, raro 4μ crassa. — Specimina nostra ad iconem et notam Cl. C. G. Lloyd: Synopsis of the stipitate Stereum, p. 25-26, determinata; specimen vero *Sterei pusilli* Berk. in Kew Herbario longe aliam speciem sistit, sed nescio an istud cum typo Musei Britannici, mihi ignoto, concordat nec ne. —

Stereum crenatum Lev. Champ. exot. p. 210!

Hab. ad radices Cocos, Mindanao, Zamboanese, *Copeland* 763.

Stereum obliquum Mont. et Berk. Dec. Fung. n. 17! *Stereum affine* Lev. Champ. exot. p. 210 pro p.! —

Hab. ad frustula lignea terrae infossa, Luzon, Bulacon, *Forestry Bureau* 7182. —

Stereum purpureum Pers. Obs. II, p. 92.

Hab. Mindoro, Mt. Halcon, *E. D. Merrill* 6123.

Obs. Specimen obsoletum, incompletum, sterile, sed vix dubie
huc ducendum. —

Stereum hirsutum (Willd.) Fr. Epicr. p. 549. *Thelephora* Willd.
Ber. p. 397.

Hab. ad truncos, Luzon, *Bureau of science* 8715, 8969, 8972, 8974,
Forestry Bureau 16415; Negros, Caulon Vulcano, 1800 m, *E. D. Merrill* 6895. —

Stereum duriuseulum Berk. et Br. Fung. of Ceyl. n. 599!

Hab. in hymenio *Fomitopsis Williamsii* (Murr.) Bres. Negros,
Forestry Bureau 13750.

Lloydella Bres.

Lloydella Mellisii (Berk.) Bres. *Stereum* Berk. in Grev. XIII,
p. 3! *Stereum affine* Lev. Champ. exot. p. 210 pr. p.! *Lloydella affinis*
Bres. Basid. Philipp. Series I, p. 322.

Hab. ad ramos et truncos, Luzon, Benguet et Tayabas, *Elmer*
6082, 7562, 7665; Polillo, *Bureau of science* 10525. —

Lloydella prolificans (Berk.) Bres. *Stereum* Berk. Challeng. Exped.
n. 343! *Stereum vespilloneum* Berk. Chall. Exped. n. 179!

Hab. ad truncos, Luzon, Bataan, *Forestry Bureau* 19174.

Obs. Cystidia fusoidea, immersa, 30—50 = 9—12 μ ; hyphae contextus homogeneae, 2—4 μ crassae. —

Lloydella involuta (Kl.) Bres. var. *philippinensis* n. var.

Hab. ad truncos, Luzon, Camarines, *Bureau of science* 6346.

Obs. A typo differt statura duplo minore. Cystidia fusoidea,
immersa, 30—45 = 7—10 μ ; hyphae contextus 2—4 μ crassae.

Lloydella Schomburgkii (Berk.) Bres. *Stereum* Berk. Austr.
Fung. n. 134! *Stereum retirugum* Cooke Proc. Roy. Soc. Edin. 1882
(n. 1346)!

Hab. ad ramos, Luzon, Benguet, *Forestry Bureau* 15640, Nueva
Vizcaya, *Bureau of science* 20291, 20384.

Obs. Cystidia laevia, fusoidea, 30—35 = 5—6 μ pars ventricosa;
hyphae contextus, 3—5 μ ; hymenium delapsum. —

Lloydella fusca (Schrad.) Bres. *Thelephora* Schrad. Spic. p. 184;
Stereum bicolor Fr. Epicr. p. 349. *Thelephora bicolor* Pers. Syn.
p. 568.

Hab. ad ramos, Luzon, Mt. Polis, *Bureau of science 20364*. —

Obs. Sporae hyalinæ 2-guttulatae, $4-4\frac{1}{2} = 3\frac{1}{2} \mu$; basidia clavata, $20-25 = 5-6$; cystidia laevia, clavata v. subfusoidea, demum septata, $50-70 = 10-14 \mu$; hyphae contextus $1\frac{1}{2}-4 \mu$. —

Lloydella papyracea (Jungh.) Bres. Annal. Myc. VIII, p. 588. *Thelephora* Jungh. Jav. p. 36! *Stereum percome* Berk. et Br. Fung. of Ceyl. n. 592!

Hab. ad ramos etc. Negros, Gamagan River, *Copeland 23*; Luzon, Cabanatuan, *Bureau of science 5246*. —

Obs. *Thelephora crassa* Lev. et *Hymenochaete Kalchbrenneri* Massee valde affines et forsan tantum formæ plus minusve coloratae hujus speciei. Structura identica, at semper steriles inventæ ideoque, donec plene cognitæ, distinguendæ. —

Hymenochaete Lev.

Hymenochaete rheicolor (Mont.) Lev. in Ann. Sc. Nat. 1846, p. 151. *Stereum* Mont. Nilgh. n. 151!

Hab. ad truncos, Luzon, Pauai, 2100 m, *Bureau of science 8712*.

Obs. Setulae cuspidatae, fulvae, $60-100 = 8-12 \mu$; hyphae hymeniales $2-3\frac{1}{4}$, raro 4μ . — *Hymenochaete attenuata* Lev. et *Hymenochaete tenuissima* Berk. typus ex monte Adam's Peak, meo sensu, specifice non sunt distinguendæ.

Hymenochaete Kunzei (Hook.) Massee, Mon. Thel. II, p. 100. *Thelephora* Hook. Bot. Miscell. p. 163, t. 85!

Hab. ad truncos, Luzon, Bataan, *Bureau of science 5238, Forestry Bureau 15 567*. —

Obs. Setulae fulvae, etiam in typo, $30-60 = 6-9 \mu$; hyphae contextus $2-3$ raro $3\frac{1}{2} \mu$. —

Hymenochaete variegata Bres. n. sp.

Pileis membranaceo-coriaceis, dimidiatis, sessilibus, vel saepius resupinato-productis, plus minus densius imbricatis, raro singularibus, e tomentoso-velutinis glabrescentibus, primitus unicoloribus, luride ferrugineis, dein zonis versicoloribus eleganter variegatis, $3-10$ cm latis; hymenio e pallido mox badio ferruginescente, setuloso; setulis fulvis, fusoideo-ventricosis, apice valde obtuso vel subclavatis, $40-45 = 6-9 \mu$; hyphis contextus subirregularibus, flavis, septatis, $2-5$, raro $5\frac{1}{2} \mu$; basidiis clavatis, $15-20 = 4-5 \mu$; sporis non inventis. —

Hab. ad truncos, Luzon, Benguet, Pauai, 2100 m, *Bureau of science 8718, 8725*; Mt. Pulong, *Forestry Bureau 16437, 16444*.

Species valde elegans, *Hymenochaetae Kunzei* proxima. —

Hymenochaete mollis Bres. n. sp.

Unicolor, badio-umbrina; pileis imbricatis, dimidiato-sessilibus, spongioso-mollibus, glabris, rugoso-scopulosis, sulcato-zonatis, 3—8 cm latis; hymenio colliculoso, setuloso; setulis fulvis, cuspidatis, 45—60 = 4—6 μ ; hyphis contextus granulosis, septatis, 2—4 μ crassis; basidiis nec sporis visis. —

Hab. ad trunco, Polillo, *Bureau of science 9104*.

Obs. Substantia molli, spongiosa, ab omnibus Hymenochaetis mihi notis diversa. —

Hymenochaete epichlora (Berk. et C.) Cooke, Grev. VIII, p. 147.

Corticium Berk. et C. North Amer. Fung. n. 258. —

Hab. ad ramos, Luzon, *Bureau of science 20276*. —

Obs. Setulae fulvae, 30—45 = 5—6; hyphae contextus luteae, 2—4 μ ; basidia 20—24 = 4 μ ; sporae non inventae. A typo colore paullulum obscuriore differt, sed vix diversa. —

Hymenochaete agathicola P. Henn. Fung. Novguin. II, p. 24!

Hab. ad trunco, Luzon, Benguet, Pauai, 2100 m, *Bureau of science 8719*. —

Obs. Specimen incompletum, cum typo Henningsii optime concordans, sed et typus incompletus et forte tantum fragmentum resupinatum speciei pileatae sistens; mihi species valde dubia. —

Hymenochaete livens Bres. n. sp.

Late effusa, resupinata, adnata, fusco-livida, cinerescens, margine similari, interdum nigriticato, substantia dura, lignea, demum stratos, livido-brunnea, 2 mm circiter crassa; hymenio laevi, e setulis puberulo; setulis fulvis, parum prominulis, ventricoso-cuspidatis, 60—100 = 12—15 μ ; hyphis contextus luteis, irregularibus, parum distinctis, 2—3 μ . — Sporis non inventis. —

Hab. ad trunco, Polillo, *Bureau of science 10536*. —

Obs. *Hymenochaetae corticolori* Berk. et Rav. affinis.

Hymenochaete Pellicula Berk. et Br. Fung. of Ceyl. n. 618!

Hab. ad *Bambusas*, Luzon, Mt. Mariveles, *Elmer 6953*.

Veluticeps Cooke.**Veluticeps philippinensis** Bres. n. sp.

Pileo dimidiato-sessili, postice ut plurimum resupinato-porrecto, suberoso, e pubescente glabro, concentrica dense sulcato-zonato, fusco, zona hornotina luteola, 3—8 cm lato, 1—3 longo, 3 mm circiter crasso; hymenio luride fulvello, fuscenscente, papilloso; papillis multicellularibus, e fasciculo hypharum, spatulatis, vel cuspidatis, 90—100 μ prominentibus; hyphis fulvis, 2—5 μ crassis; sporis, nec basidiis visis. —

Hab. ad ramos, Luzon, *D. Merrill* 1279, *Forestry Bureau* 16811.

Obs. Hymenium in speciminibus visis stratosum; strata omnia e fasciculis papillarum percursa, sed basidia et sporae non inventae. Habitu videtur prorsus *Fomes pectinatus* Kl.

Corticium hinnuleum Bres. n. sp.

Late effusum, membranaceo-subcoriaceum, luride ochraceum, subcervinum, margine albido, pruinoso-subtomentoso; hymenium laeve, haud rimosum, in vetustis stratosum, contextu albido; sporae stramineae, ellipticae, laeves vel punctato-scabrae, $7-8 = 5-6 \mu$; basidia clavata, 2—4 sterigmatibus, $12-24 = 7-9$; hyphae contextus $2-3\frac{1}{2} \mu$, septatae, saepe nodosae, interdum asperulae. —

Hab. ad trunco *Bambusae*, Luzon, Benguet, *A. D. Elmer* 6215.

Obs. *Corticium portentoso* B. et C. proximum, sed optime diversum. —

Gloeocystidium Karst.

Gloeocystidium lacticolor Bres. n. sp.

Late effusum, arcte adnatum, membranaceum, lacteum, demum cremeo-tinctum; hymenium laeve, nitidum, haud rimosum, margine pruinato-subfimbriato; sporae hyaline, subglobosae, asperulae, $5-6 = 4\frac{1}{2}-5 \mu$; basidia clavata $20-27 = 5-6 \mu$; gloeocystidia plus minusve immersa, fusoidea, tenuiter tunicata, vacua vel granulosofarcta, reactione acido-alcalina tantum evidenter visibilia, $60-100 = 10-15 \mu$; hyphae subhymeniales collapso-conglutinatae, indistinctae, basales subirregulares, septatae, haud nodosae, 2—5 raro 6μ crassae. —

Hab. ad culmos *Bambusae*, Luzon, Benguet, Sablang, *Bureau of science* 12853. —

Obs. Habitu et coloribus videtur prorsus **Corticium lacteum** a quo structura diversum et *Gloeocystidio alutaceo* proximum. —

Septobasidium Pat.

Septobasidium Merrillii Bres. n. sp.

Resupinato-effusum, membranaceum, fulvo-badium, ambitu pallidiore; subicum brunneum, spongiosum, ex hyphis ramosis, septatis, luteis, $4-5 \mu$ crassis, raro 6 conflatum; basidia ex obovatis elongato-cylindracea, curvata, basi ventricosa, persistente, $60-70 = 7-10 \mu$ sporae oblongo-sinuatae, hyalinae, $27-35 = 5-7 \mu$. —

Hab. ad ramos vegetos *Strobilanthis cincinnalis*, Luzon, Benguet, *E. D. Merrill* 6668. —

Obs. *Septobasidio Micheliano* (Cald.) valde, praecipue coloribus, proximum, sed spora longior et fere duplo crassior et basidiis basi persistenter ventricosis, optime distinctum. —

Septobasidium rameale (Berk. et Br.) Bres. *Lachnocladium rameale* Berk. et Br. Fung. of Ceyl. n. 605!

Hab. ad ramos, Luzon, *Bureau of science 20385*.

Obs. Pulchra species in ramis tenuibus ita producta ut pileata apparent, pileis fuscis fibroso-setosis; sporae non visae; basidia demum cylindraceo-curvula, triseptata, $30-40 = 4-5 \mu$; hyphae contextus fuscae, 3μ crassae. *Lachnocladium rameale* sistit statum juvenile vel abortivum hymenio nondum efformato. —

Pterula Fr.

Pterula pusio (Berk.) Bres. *Clavaria pusio* Berk. Flora New Zeal. p. 186!

Hab. ad terram, Luzon, Rizal, *Bureau of science 1204*; Bataan, Lamao, *Merrill 3536*.

Obs. Species prorsus cartilaginea ideoque vera *Pterula*. Specimina philippinensia quam typica majora, magisque ramosa, sed notae ceterae prorsus identicae. Sporae hyalinæ, obovatae, $8-9 = 5-6 \mu$; basidia clavata, $20-24 = 7 \mu$; hyphae contextus tenues, $2-4\frac{1}{2} \mu$ crassae. —

Pterula fructicola Bres. n. sp.

Isabellina, fuscescens, stipitata vel e basi ramosa, 2—3 cm alta, $1\frac{1}{2}-2$ cm lata, stipite 4—6 mm longus, $\frac{1}{2}$ mm circiter crassus; rami pauci, glabri, subfiliformes; ramulis bifidis vel alternis, apice acuminatis; sporis hyalinis, subnavicularibus vel subsinuosis, $9-10 = 5-6 \mu$; basidiis clavato-subcapitatis, $25-28 = 6-7 \mu$; hyphis contextus $1\frac{1}{2}-3\frac{1}{2} \mu$ crassis. —

Hab. in fructibus vetustis *Pandani* sp., Luzon, *Bureau of science 20050*.

Lachnocladium Lev.

Lachnocladium pallens Bres. *Pterula pallens* Bres. Bull. Soc. Bot. Belg. 1899, p. 157. *Lachnocladium usambarensis* P. Henn. Bot. Jahrb. 1904, p. 44. Bres. Basid. Philipp. Series II, p. 77!

Hab. ad frustula lignea, Luzon, Rizal, *Bureau of science 1200*, Cavite, *Forestry Bureau 8942*, Laguna, *Bureau of science 11954*; Mindoro, Bulalacao, *Bureau of science 1553*. —

Obs. Species potius ad *Lachnocladium*, quam ad *Pterulam* duocenda. —

Physalacria Peck.

Physalacria inflata (Schw.) Peck Torr. Bot. Club 1882, p. 2. *Mitrula inflata* Schw. in Fr. El. I, p. 234.

Hab. ad ligna, Luzon, Sablang, *Bureau of science 12861*. —

Heterochaete Pat.**Heterochaete pallida** Bres. n. sp.

Resupinato-effusa, confluens, albida, exsiccando luride carneata, ceraceo-gelatinosa, $1-1\frac{1}{2}$ mm crassa, margine tumido, similari; hymenio subundulato, dense papilloso, papillis candidis, cylindraceis, apice obtuso, sterilibus, ex hyphis $1\frac{1}{2}-2 \mu$ crassis, $75-100 = 36-60 \mu$; sporis hyalinis, oblongis, uno latere depresso, $10-12 = 6 \mu$; basidiis obovatis, $18 = 15 \mu$; hyphis contextus hyalinis, $1\frac{1}{2}-2 \mu$. —

Hab. ad ligna, Polillo, *Bureau of science* 10533. —

Obs. Videtur *Kneiffiae gelatinosae* Berk. valde proxima, sed ista, teste Patouillard, sporas fere duplo maiores possidet. — Specimina nostra etiam subtus papillosa vel potius radiculosa, radiculis conicis, $100-150 = 20-40$, divisum, ejusdem structurae papillarum hymenii. —

Hirneola Fr.

Hirneola polytricha (Mont.) Fr. *Fung. Nat.* p. 26. *Exidia* Mont. in Berl. *Voy. Ind.* or. p. 154.

Hab. ad truncos, Batanes, *Bureau of science* 3872; Camiguin, *Bureau of science* 4162. —

Hirneola cornea (Ehrenb.) Fr. l. c. p. 26. *Auricularia* Ehrenb. *Hor. Phys. Ber. t. XIX f. g.*

Hab. ad truncos, Luzon, prope Manila, *Bureau of science* 16701.

Gasteromycetaceae.**Cyathus** Hall.

Cyathus byssisedus (Jungh.) Tul. *Ann. Sc. Nat.* I, p. 71. *Nidularia* Jungh. *Jav.* p. 24. Bresadola, *Fung. Cong.* p. 274.

Hab. ad ramos, Polillo, *Bureau of science* 10532.

Obs. *Cyathus Elmeri* Bres. Basid. Philipp. I. p. 324 differt praeципue absentia membranae myceliae, quae forte in ligno a Collectore relicta et receptacula fuerunt evulsa. —

Tylostoma Pers.

Tylostoma exasperatum Mont. var. **pusillum**. *Tylostoma pusillum* Berk. in Hook. *Lond. Journ.* 1842, p. 157!

Hab. ad terram, Luzon, Bataan, Lamao, *Copeland* 1411. —

Obs. Sporae echinatae, $5\frac{1}{2}-7$, absque aculeis $4-5 \mu$; hyphae capillitii ad nodos non vel parum inflatae, facile secedentes, $2-6$, raro -9μ , crassae. A *Tylostoma exasperato* Mont. differt modo sporis aliquantulum minoribus et laxius echinatis, cetera omnia prorsus identica. In *Tylostome exasperato* sporae $7-9 \mu$ d., absque aculeis $5-6 \mu$. —

Lycoperdon Tourn.**Lycoperdon furfuraceum** Schaeff. Icon. Bav. tav. 294.Hab. in locis herbidis pr. Manila, *Copeland 1351, D. Merrill 6683.***Scleroderma** Pers.**Scleroderma verrucosum** (Bull.) Pers. Synop. p. 154. *Lycoperdon*
Bull. Champ. Lab. 24. —Hab. ad terram, Luzon, Benguet, *Bureau of science 8716.*Obs. Sporae globosae, fuscae, verriculosae, 12—15 μ .**Discomycetaceae.****Peziza** Dill.**Peziza Domingensis** Berk. Fung. Doming. p. 10, n. 57.Hab. ad ligna, Luzon, Mt. Malaraya, *Forestry Bureau 8952.***Coryne** Tul.**Coryne sarcoides** (Jacq.) Tul. Carp. III, p. 190. *Lichen sarcoides*
Jacq. Misc. 2 tab. 20.Hab. ad ligna, Luzon, Pauai, 2100 m, *Bureau of science n. 8724.*Obs. Specimina philippinensis prorsus cum europeis identica
sicuti et notae microscopicae. —**Rhytidopeziza** Speg.**Rhytidopeziza rufula** (Spreng.) Bres. *Hysterium rufulum* Spreng.
Vet. Ac. Holm. 1820, p. 20. *Tryblidiella rufula* Sacc. Syll. II, p. 757.**Rhytidopeziza nigro-cinnabarina** (Schw.) Sacc. Syll. X, p. 65.Hab. ad ramos, Leyte, Palo, Dec. 1906, *Elmer 7234.* —Obs. Species in tropicis ubique obvia; ego vidi ex Brasilia, Congo
et Philippinis. — Ascis 210—230 = 15 μ , sporidiis 30—36 = 10—12,
3-septatis; paraphysibus $1\frac{1}{2}$ μ , apice clavato, colorato, 3—4 μ . —**Pyrenomycetaceae.****Eutypa** Tul.**Eutypa polygramma** Bres. n. sp.

Stromatibus subcorticalibus, copiosis, linearibus, parallele dispositis, 3—25 cm longis, circiter $1\frac{1}{2}$ mm latis, primitus epidermide dilute fusca tectis, dein erumpentibus et epidermide cinctis; peritheciis confertis, obovatis vel oblongo-depressis, 250—340 μ latis, 400 μ circiter altis, extus intusque nigris, carbonaceis; ostiolis prominulis, subrotundatis, laevibus; ascis cylindraceo-clavatis, pedicellatis, 40—45 = 5—6 μ , pars sporifera 20—22 μ , pedicello 20 = 2 μ ; sporidiis cylindraceo-curvulis, luride hyalinis, biguttulatis, 6—7 = $1\frac{1}{2}$ —2 μ .

Hab. ad culmum *Bambusae*, Leyte, Palo, *A. D. Elmer 7215.*

Obs. Ab *Eutypa bambusina* Penz. et Sacc., teste Saccardo ipse, cui submissa fuerunt specimina, differt stromatibus strictioribus, linearibus, haud lanceolatis, et epidermide tantum leviter nigrificata et non zona lineari nigra, nitida, cinctis. —

Kretzschmaria Fr.

Kretzschmaria microspora P. Henn. Hedw. 45, p. 261!

Hab. ad trunco, Leyte, Palo, A. D. Elmer 7225.

Ustulina Tul.

Ustulina vulgaris Tul. Sel. Fung. Carp. II, p. 23.

Hab. ad trunco, Luzon, Benguet, Bureau of science 12831. —

Nummularia Tul.

Nummularia Merrillii Bres. n. sp.

Stromate cortici innato, majuscule, elongato-sinuoso, usque ad 8 cm longo, et 3 cm lato, nigro, nitido, applanato-colliculoso, ostiolis prominulis, punctato-scabro; peritheciis valde confertis, oblongo-compressis, $\frac{3}{4}$ —1 mm longis, 250—300 μ latis; ascis jam resorptis; sporidiis fuscis, ellipsoideis, 10—12 = 6 μ , muticis. —

Hab. ad trunco, Negros, Canlaon Volcano, E. D. Merrill 6896.

Obs. *Nummulariae uniaciculatae* Penz. et Sacc. proxima, a qua sporis haud apiculo hyalino praeditis, superficie stromatis nitida et peritheciis valde confertis praecipue distincta. —

Megalonectria Speg.

Megalonectria pseudotrichia (Schw.) Speg. Fung. Arg. pug. IV, n. 211.

Hab. ad ramos, Leyte, Palo, Elmer 7224.

Obs. Specimina hic exhibita sterilia, sed vix dubie hanc speciem sistunt. —

Hyphomycetaceae.

Pilacre Fr.

Pilacre faginea (Fr.) Berk. et Br. Ann. N. H. n. 380. *Onygena* Fr. Syst. Myc. III, p. 209.

Hab. ad corticem *Fici*....?, Luzon, Bataan, Copeland 194.

Obs. Sporae fusco ferrugineae, globosae v. subglobosae, 6—7 diam. v. 6—9 = 5—8 μ , hyphae ramosae, 2—3 μ . A speciminibus europeis vix diversa.

Mycelia.

Rhizomorpha subterranea Pers. Synop., p. 705.

Hab. ad ramos acervatos, Negros, Bureau of science 1142; Mindoro, Merrill 5756; Luzon, Forestry Bureau 8879. —

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